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The Society of the
Plastics Industry, Inc.

SPI

Monthly Statistical Report-Resins

355 Lexington Avenue
New York, New York 10017
(212) 573-9400

FOR THE MONTH AND PERIOD ENDED December, 1983

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y.

Issue No. 12
RELEASE DATE: February 16, 1984

NOTE TO USERS:

PLEASE USE THE FOLLOWING LEGEND WHEN QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS AS COMPILED BY ERNST & WHINNEY

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The figures published in this report are reflective of the relevant segment of the industry. In accordance with SPI policy and regulations of the Committee on Resin Statistics, figures will not be published which tend to identify, directly or indirectly, a participant's individual data. Any figures withheld to avoid disclosure are identified by the letter "D" at the applicable line or space of the report. A line will be identified by a "D" if one company has more than 65% of that line, or if there are less than four companies reporting on that line.

PART 300/400
NON-PART 400/500

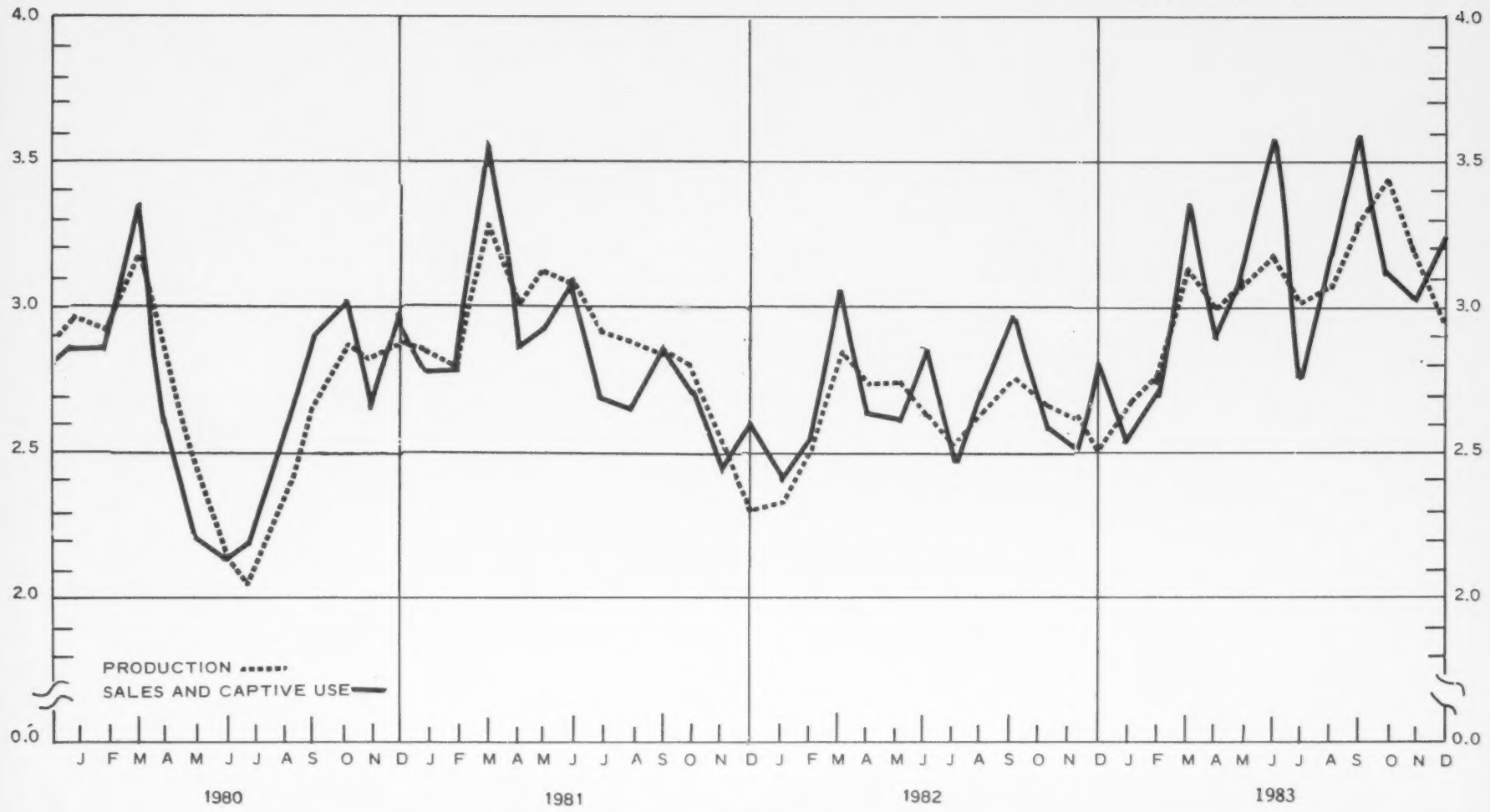
MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(In billion of pounds)

December, 1983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PRODUCTION
SALES AND CAPTIVE USE
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COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS).

SPI

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis) (1)

CRS

DECEMBER 1983

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	DECEMBER			YEAR-TO-DATE			DECEMBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
EPOXY RESINS, TOTAL	27,229	21,971	+23.9	330,669R	301,082	+9.8	24,522	18,496	+32.6	334,146R	286,034	+16.8
POLYESTER *(UNSATURATED)* RESINS, TOTAL	83,912	58,435	+43.6	1,072,231R	851,323	+25.9	83,778	60,571	+38.3	1,084,424R	865,249	+25.3
UREA RESINS, TOTAL	95,871	83,466	+14.9	1,166,809	976,087	+19.5	96,310	84,955	+13.4	1,171,739	997,788	+17.4
MELAMINE RESINS, TOTAL	13,686	11,902	+15.0	181,316	154,870	+17.1	12,565	11,968	+5.0	180,171	157,668	+14.3
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	211,822	170,363	+24.3	2,515,767R	2,060,183	+22.1	207,960	162,007	+28.4	2,476,654R	2,005,884	+23.5
THERMOSETTING RESINS, TOTAL	432,520	346,137	+25.0	5,266,792R	4,343,545	+21.3	425,135	337,997	+25.8	5,247,134R	4,312,623	+21.7
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	785,921	746,405	+5.3	8,045,351R	7,686,623	+4.7	658,782	650,209	+1.3	8,041,281R	7,502,641	+7.2
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	489,841	541,270	-9.5	5,688,694R	5,023,725	+13.2	426,153	425,099	+0.2	5,688,989	4,927,799	+15.4
POLYPROPYLENE, TOTAL	404,104	330,020	+22.4	4,464,070	3,622,782	+23.2	363,992	290,450	+25.3	4,433,034	3,477,370	+27.5
ACRYLONITRILE-BUTADIENE-STYRENE *(ABS)* RESINS, TOTAL	D	D		D	D		D	D		D	D	
STYRENE-ACRYLONITRILE *(SAN)* RESINS, TOTAL	7,562	8,969	-15.7	91,367	85,255	+7.2	5,983	5,774	+3.6	92,877R	91,066	+2.0
OTHER STYRENE BASED POLYMERS, TOTAL (3) *40% or more styrene*	99,372	63,755	+55.9	1,234,444	869,647	+41.9	108,197	58,930	+83.6	1,186,566	869,587	+36.5
POLYSTYRENE, TOTAL	288,944	257,914	+12.0	3,609,436R	3,199,889	+12.8	303,248	225,804	+34.3	3,569,502R	3,190,644	+11.9
STYRENE BUTADIENE LATEXES, TOTAL *Carboxylated, 45% styrene content and over.*	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED LATEXES, TOTAL (4) *50% or more styrene including styrene butadiene latexes not carboxylated*	51,726	44,390	n.c.	698,794	504,261	n.c.	51,320	43,820	n.c.	701,673	510,160	n.c.
NYLON RESINS, TOTAL	28,688	15,293	+87.6	329,292R	246,982	+33.3	28,333	15,081	+87.9	320,718R	227,774	+40.8
POLYVINYL CHLORIDE & COPOLYMERS - *(DRY RESIN CONTENT)*, TOTAL	500,367	414,832	+20.6	6,151,879R	5,455,402	+12.8	398,108	393,989	+1.0	6,067,327R	5,325,924	+13.9
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	53,649	42,666	+25.7	689,737	567,823	+21.5	53,649	42,666	+25.7	689,737	567,823	+21.5
POLYVINYL ALCOHOL, TOTAL #	11,988	D		136,057	D		13,641	D		132,176	D	
OTHER VINYL RESINS, TOTAL	16,292	11,099	+46.8	177,844	166,695	+6.7	15,864	11,509	+37.8	185,558	177,225	+4.7
THERMOPLASTIC POLYESTER, TOTAL	64,339	51,326	+25.4	783,277R	618,706	+26.6	66,747	58,560	+14.0	777,792R	647,726	+20.1
THERMOPLASTIC RESINS, TOTAL	2,802,793	2,527,939	+10.9	32,100,242R	28,047,790	+14.4	2,494,017	2,221,891	+12.2	31,887,230R	27,515,739	+15.9
GRAND TOTAL	3,235,313	2,874,076	+12.6	37,367,034R	32,391,335	+15.4	2,919,152	2,559,888	+14.0	37,134,364R	31,828,362	+16.7

D = Disclosure
R = Revision
(1) *Except phenolic resins which are reported on a gross weight basis.*

COMPILED BY ERNST & WHINNEY, NEW YORK, N.Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

(3) = Includes ABS
(4) = Includes Styrene-Butadiene Latexes
# = Includes imputed data
n.c. = Not comparable due to participation changes in 1983

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* = *These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual Production of PVAc is significantly higher than that shown here.*

SPI

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In metric tons, dry weight basis) (1)

CRS

DECEMBER 1983

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	DECEMBER			YEAR-TO-DATE			DECEMBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
EPOXY RESINS, TOTAL	12,351	9,966	+23.9	149,990	136,570	+9.8	11,123	8,390	+32.6	151,566	129,744	+16.8
POLYESTER *(UNSATURATED)* RESINS, TOTAL	38,062	26,506	+43.6	486,361	386,157	+25.9	38,001	27,475	+38.3	491,891	392,474	+25.3
UREA RESINS, TOTAL	43,487	37,860	+14.9	529,261	442,750	+19.5	43,686	38,535	+13.4	531,497	452,594	+17.4
MELAMINE RESINS, TOTAL	6,208	5,399	+15.0	82,244	70,248	+17.1	5,699	5,429	+5.0	81,726	71,518	+14.3
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	96,082	77,276	+24.3	1,141,144	934,493	+22.1	94,330	73,486	+28.4	1,122,404	909,863	+23.5
THERMOSETTING RESINS, TOTAL	196,190	157,007	+25.0	2,389,000	1,970,218	+21.3	192,839	153,315	+25.8	2,380,084	1,956,193	+21.7
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	356,491	338,567	+5.3	3,649,347	3,486,629	+4.7	298,822	294,933	+1.3	3,647,501	3,403,176	+7.2
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	222,190	245,518	-9.5	2,580,375	2,278,747	+13.2	193,302	192,824	+0.2	2,580,508	2,235,235	+15.4
POLYPROPYLENE, TOTAL	183,301	149,696	+22.4	2,024,889	1,643,283	+23.2	165,106	131,747	+25.3	2,010,811	1,577,325	+27.5
ACRYLONITRILE-BUTADIENE-STYRENE *(ABS)* RESINS, TOTAL	D	D		D	D		D	D		D	D	
STYRENE-ACRYLONITRILE *(SAN)* RESINS, TOTAL	3,430	4,068	-15.7	41,444	38,671	+7.2	2,714	2,619	3.6	42,129	41,308	+2.0
OTHER STYRENE BASED POLYMERS, TOTAL *40% or more styrene* (3)	45,075	28,919	+55.9	559,940	394,469	+41.9	49,078	26,730	+83.6	538,223	394,442	+36.5
POLYSTYRENE, TOTAL	131,064	116,989	+12.0	1,637,229	1,451,460	+12.8	137,552	102,424	+34.3	1,619,115	1,447,267	+11.9
STYRENE BUTADIENE LATEXES, TOTAL *Carboxylated, 45% styrene content and over.*	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED LATEXES, TOTAL *50% or more styrene including styrene butadiene latexes not carboxylated* (4)	23,463	20,135	n.c.	316,971	228,732	n.c.	23,279	19,877	n.c.	318,278	231,407	n.c.
NYLON RESINS, TOTAL	13,013	6,937	+87.6	149,366	112,030	+33.3	12,852	6,841	+87.9	145,477	103,318	+40.8
POLYVINYL CHLORIDE & COPOLYMERS - *(DRY RESIN CONTENT)*, TOTAL	226,965	188,166	+20.6	2,790,474	2,474,554	+12.8	180,581	178,712	+1.0	2,752,121	2,415,823	+13.9
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	24,335	19,353	+25.7	312,863	257,563	+21.5	24,335	19,353	+25.7	312,863	257,561	+21.5
POLYVINYL ALCOHOL, TOTAL #	5,438	D		61,715	D		6,187	D		59,955	D	
OTHER VINYL RESINS, TOTAL	7,390	5,035	+46.8	80,669	75,613	+6.7	7,196	5,220	+37.8	84,168	80,389	+4.7
THERMOPLASTIC POLYESTER, TOTAL	29,184	23,282	+25.4	355,292	280,643	+26.6	30,276	26,563	+14.0	352,804	293,806	+20.1
THERMOPLASTIC RESINS, TOTAL	1,271,339	1,146,665	+10.9	14,560,574	12,722,394	+14.4	1,131,280	1,007,843	+12.2	14,463,953	12,481,057	+15.9
GRAND TOTAL	1,467,529	1,303,672	+12.6	16,949,574	14,692,612	+15.4	1,324,119	1,161,158	+14.0	16,844,037	14,437,250	+16.7

For the purpose of this table, one metric ton equals 2,204.6 pounds. On a monthly basis, the calculation of metric tons from thousands of pounds may not agree precisely due to rounding.

(3) = Includes ABS
(4) = Includes Styrene-Butadiene Latexes
n.c. = Not comparable due to participation changes in 1983

(1) *Except phenolic resins which are reported on a gross weight basis.*

L = Disclosure
# = Includes imputed data

* = *These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual Production of PVAc is significantly higher than that shown here.*

COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS).

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MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOSETTING RESINS

DECEMBER 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	DECEMBER			YEAR-TO-DATE			DECEMBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
EPOXY RESINS, TOTAL	27,229	21,971	+23.9	330,669R	301,082	+9.8	24,522	18,496	+32.6	334,146R	286,034	+16.8
Total Exports	3,151	3,824	-17.6	34,832R	38,827	-10.3						
Total Domestic	24,078	18,147	+32.7	295,837R	262,255	+12.8						
Bonding & Adhesives	1,085	1,080	+0.5	15,413R	15,246	+1.1						
Flooring, Paving & Exposed Aggregate	1,452	1,460	-0.5	18,519R	18,195	+1.8						
Protective Coatings	11,034	7,830	+40.9	131,044R	121,887	+7.5						
Fiber Reinforced Laminates & Composites, Total	6,285	4,261	+47.5	73,659R	57,710	+27.6						
FRL & C for Printed Wiring Board	4,411	*		53,057R	*							
All Other FRL & C	1,874	*		20,602R	*							
Tooling, Casting & Molding Resins	2,192	1,676	+30.8	27,904R	24,101	+15.8						
All Other Uses	2,030	1,840	+10.3	29,293R	25,116	+16.6						
POLYESTER *(UNSATURATED)* RESINS, TOTAL	83,912	58,435	+43.6	1,072,231R	851,323	+25.9	83,778	60,571	+38.3	1,084,424R	865,249	+25.3
Exports, Total	646	484	+33.5	9,850R	8,024	+22.8						
Domestic, Total	83,266	57,951	+43.7	1,062,381R	843,299	+26.0						
General Purpose Resins, Total	73,347	49,664	+47.7	946,852R	739,601	+28.0						
General Purpose -- Thixotropic	35,225	21,006	+67.7	442,600R	327,402	+35.2						
General Purpose -- Press Molding	12,831	5,844	+119.6	143,514R	91,306	+57.2						
General Purpose -- All Other	25,291	22,814	+10.9	360,738R	320,893	+12.4						
Flame Retardant Resins	1,828	1,893	-3.4	20,198R	21,408	-5.7						
Chemical Resistant Resins	8,091	6,394	+26.5	95,331R	82,290	+15.8						
Chemical Resistant Isophthalic Resins	5,115	4,247	+20.4	63,181R	56,395	+12.0						
All Other Chemical Resistant Resins	2,976	2,147	+38.6	32,150	25,895	+24.2						
Reinforced Plastics, Total	64,175	44,017	+45.8	818,808R	628,907	+30.2						
Non-Reinforced Plastics, Total	19,091	13,934	+37.0	243,573R	214,392	+13.6						

COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

* = Comparable 1982 data not available R = Revision

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MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis) (1)

THERMOSETTING RESINS

DECEMBER 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	DECEMBER			YEAR-TO-DATE			DECEMBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
UREA RESINS, TOTAL	95,871	83,466	+14.9	1,166,809R	976,087	+19.5	96,310	84,955	+13.4	1,171,739R	997,788	+17.4
MELAMINE RESINS, TOTAL	13,686	11,902	+15.0	181,316R	154,870	+17.1	12,565	11,968	+5.0	180,171R	157,668	+14.3
UREA & MELAMINE RESINS, TOTAL	109,557	95,368	+14.9	1,348,125R	1,130,957	+19.2	108,875	96,923	+12.3	1,351,910R	1,155,456	+17.0
Total Exports	1,922	1,296	+48.3	21,200R	16,863	+25.7						
Total Domestic	107,635	94,072	+14.4	1,326,925R	1,114,094	+19.1						
Textile Treating & Coating Resins	D	D		D	D		D	D		D	D	
Paper Treating & Coating Resins	6,997	5,969	+17.2	74,024R	68,083	+8.7	7,080	6,396	+10.7	84,876R	68,297	+24.3
Molding Compounds	5,548	5,430	+2.2	67,770R	47,599	+42.4	5,322	6,153	-13.5	71,894	51,595	+39.3
Bonding & Adhesive Resins for:	84,206	70,084	+20.2	1,021,640R	850,793	+20.1	84,623	69,673	+21.5	1,029,189R	862,107	+19.4
Laminating	3,027	1,844	+64.2	40,161R	27,424	+46.4	2,721	1,836	+48.2	39,830R	28,007	+42.2
Plywood	5,136	4,620	+11.2	63,357R	64,046	-1.1	5,147	4,552	+13.1	63,871R	65,337	-2.2
Fibrous & Granulated Wood (Particle Board)	76,043	63,620	+19.5	918,122R	759,323	+20.9	76,755	63,285	+21.3	925,488R	768,763	+20.4
Protective Coatings *(Straight & Modified)*	5,161	4,390	+17.6	75,691R	64,479	+17.4	6,032	5,588	+7.9	87,657R	76,946	+13.9
All Other Uses *(Includes Textile Treating & Coating Resins)*	5,723	8,199	-30.2	87,800R	83,140	+5.6	5,818	9,113	-36.2	78,294R	96,511	-18.9
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	211,822	170,363	+24.3	2,515,767R	2,060,183	+22.1	207,960	162,007	+28.4	2,476,654R	2,005,884	+23.5
Total Exports	1,356	1,032	+31.4	16,088R	15,269	+5.4						
Total Domestic	210,466	169,331	+24.3	2,499,679R	2,044,914	+22.2						
Molding Compounds	20,759	16,709	+24.2	231,907R	191,556	+21.1	21,499	16,053	+33.9	261,476R	202,289	+29.3
Bonding & Adhesive Resins for:	185,384	149,389	+24.1	2,218,376R	1,813,399	+22.3	182,310	143,774	+26.8	2,165,552R	1,762,635	+22.9
Laminating	12,463	9,431	+32.1	165,572R	127,499	+29.9	11,837	7,519	+57.4	144,170R	109,927	+31.2
Coated & Bonded Abrasives	2,479	1,479	+67.6	28,084R	25,257	+11.2	2,394	1,443	+65.9	27,202R	24,285	+12.0
Friction Materials	2,978	1,180	+152.4	32,442R	25,404	+27.7	2,974	1,029	+189.0	32,198R	25,055	+28.5
Insulation Materials	31,564	25,100	+25.8	355,324R	346,608	+2.5	30,219	24,172	+25.0	338,317R	329,714	+2.6
Foundry & Shell Molding	5,739	4,275	34.2	63,058R	55,927	+12.8	5,863	4,398	+33.3	65,500R	57,381	+14.1
Plywood	110,659	89,163	+24.1	1,309,461R	1,012,436	+29.3	109,145	86,954	+25.5	1,290,125R	996,423	+29.5
Fibrous & Granulated Wood	11,677	13,533	-13.7	176,677R	146,231	+22.2	11,129	13,289	-16.3	174,252R	140,349	+24.2
Resins Sold to Rubber Industry	2,632	1,723	+52.8	26,620R	22,551	+18.0	2,810	1,533	+83.3	30,219R	23,935	+26.3
All Other	5,193	3,505	+48.2	59,138R	51,486	+14.9	5,939	3,437	+72.8	63,569R	55,566	+14.4
Protective Coatings – Unmodified & Modified	1,554	1,263	+23.0	18,875R	18,018	+4.8	1,631	772	+111.3	19,468R	18,734	+3.9
# Resins Sold to Rubber Industry, Non-Adhesive Uses	D	D		D	D		D	D		D	D	
All Other Uses #	2,769	1,970	+40.6	30,521R	21,941	+39.1	2,520	1,408	+79.0	30,158R	22,226	+35.7

(1) *Except phenolic resins which are reported on a gross weight basis.*

D = Disclosure
R = Revision

 # = Due to Disclosure Problem, All Other Uses includes Resins Sold to Rubber Industry, Non-Adhesive Uses.

COMPILED BY ERNST & WHINNEY, NEW YORK, N.Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

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MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

DECEMBER 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	DECEMBER			YEAR-TO-DATE			DECEMBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	785,921	746,405	+5.3	8,045,351R	7,686,623	+4.7	658,782	650,209	+1.3	8,041,281R	7,502,641	+7.2
Exports, Total	85,394	80,822	+5.7	918,749R	1,144,038	-19.7						
Domestic, Total	700,527	665,583	+5.3	7,126,602R	6,542,585	+8.9						
Film *(12 Mils & Below)*	463,700	454,114	+2.1	4,627,979R	4,227,218	+9.5						
Sheet *(Over 12 Mils)*	D(3)	D(3)		D(3)	D(3)							
Injection Molding	60,843	51,285	+18.6	657,323R	506,579	+29.8						
Wire & Cable	26,398	19,928	+32.5	309,824R	277,952	+11.5						
Extrusion Coating	54,813	55,029	-0.4	573,065R	543,586	+5.4						
Blow Molding	3,518	3,292	+6.9	42,361R	41,863	+1.2						
Pipe & Conduit, Total	D(1)	D(1)		D(1)	D(1)							
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe & Conduit	D	D		D	D							
Other Extruded Products	10,091	5,239	+92.6	91,549R	45,657	+100.5						
All Other Uses	81,164	76,696	+5.8	824,501R	899,730	-8.4						
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	489,841	541,270	-9.5	5,688,694R	5,023,725	+13.2	426,153	425,099	+0.2	5,688,989	4,927,799	+15.4
Exports, Total	69,343	94,337	-26.5	1,000,756R	676,989	+47.8						
Domestic, Total	420,498	446,933	-5.9	4,687,938R	4,346,736	+7.8						
Film *(12 Mils & Below)*	35,760	35,978	-0.6	375,137R	287,761	+30.4						
Sheet *(Over 12 Mils)*	7,840	5,747	+36.4	75,780	64,016	+18.4						
Injection Molding	114,601	115,029	-0.4	1,188,356R	1,101,808	+7.9						
Wire & Cable	9,908	6,016	+64.7	111,889R	109,529	+2.2						
Extrusion Coating	D(2)	D(2)		D(2)	D(2)							
Blow Molding	154,268	152,954	+0.9	1,807,757R	1,713,911	+5.5						
Pipe & Conduit, Total	34,400	49,805	-30.9	470,681R	395,496	+19.0						
Corrugated Pipe & Conduit	11,029	*		207,198	*							
Non-Corrugated Pipe & Conduit	23,371	*		263,483R	*							
Other Extruded Products	4,123	4,361	-5.5	41,829	41,158	+1.6						
All Other Uses	59,598	77,043	-22.6	616,509R	633.057	-2.6						

D = Disclosure
R = Revision
* = Comparable 1982 data not available

(1) = Included in All Other Uses
(2) = Included in Other Extruded Products
(3) = Included in Film

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MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

DECEMBER 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	DECEMBER			YEAR-TO-DATE			DECEMBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
POLYPROPYLENE, TOTAL	404,104	330,020	+22.4	4,464,070R	3,622,782	+23.2	363,992	290,450	+25.3	4,433,034R	3,477,370	+27.5
Exports, Total	68,680	120,293	-42.9	800,243R	737,370	+8.5						
Domestic, Total	335,424	209,727	+59.9	3,663,827R	2,885,412	+27.0						
Injection Molding	108,871	71,469	+52.3	1,231,504R	1,072,672	+14.8						
Appliances	7,713	4,779	+61.4	96,185R	72,320	+33.0						
Consumer Products	25,710	16,718	+53.8	301,384R	272,808	+10.5						
Rigid Packaging	27,105	22,327	+21.4	351,372R	290,715	+20.9						
Transportation	31,122	14,531	+114.2	292,756R	224,918	+30.2						
All Other Injection Molding	17,221	13,114	+31.3	189,807R	211,911	-10.4						
Blow Molding	8,260	5,183	+59.4	90,231R	67,741	+33.2						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film *(10 Mils & Below)*	30,656	18,303	+67.5	363,692R	290,160	+25.3						
Sheet *(Over 10 Mils)*	4,639	1,090	+325.6	33,110	18,751	+76.6						
Extrusion Coating	D	D		D	D							
Wire & Cable	D	D		D	D							
Fiber & Filaments	117,650	56,935	+106.6	1,221,214R	865,781	+41.1						
Pipe & Conduit	D	D		D	D							
Other Extruded Products #	12,450	6,218	+100.2	105,835R	93,396	+13.3						
Resellers & Compounders	43,410	*		441,469R	*							
All Other Uses	9,488	50,529	n.c.	176,772R	476,911	n.c.						

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= *Includes Ext. Coating, Wire & Cable, Pipe & Conduit*

D = Disclosure
R = Revision
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n.c. = Not comparable

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SPI

SECTION I

CRS

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

DECEMBER 1983

THERMOPLASTIC RESINS

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	DECEMBER			YEAR-TO-DATE			DECEMBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	D	D		D	D		D	D		D	D	
Total Exports												
Total Domestic												
Electrical & Electronic Uses												
Pipe, Conduit & Fittings												
Transportation												
Consumer & Institutional												
All Other Uses												
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	7,562	8,969	-15.7	91,367	85,255	+7.2	5,983	5,774	+3.6	92,877R	91,066	+2.0
Total Exports	969	1,162	-16.6	11,515	10,023	+14.9						
Total Domestic	6,593	7,807	-15.6	79,852	75,232	+6.1						
OTHER STYRENE BASES POLYMERS, TOTAL (3)	99,372	63,755	+55.9	1,234,444	869,647	+41.9	108,197	58,930	+83.6	1,186,566	869,587	+36.5
40% or more styrene												
Export, Total	10,558	6,401	+64.9	132,606	71,721	+84.9						
Domestic, Total	88,814	57,354	+54.9	1,101,838	797,926	+38.1						
Molding & Extrusion	83,426	*		1,040,772	*							
Coatings	5,388	*		61,066	*							
POLYSTYRENE RESINS, TOTAL	288,944	257,914	+12.0	3,609,436R	3,199,889	+12.8	303,248	225,804	+34.3	3,569,502R	3,190,644	+11.9
Straight Polystyrene	137,365	142,861	-3.8	1,851,263R	1,669,265	+10.9	143,175	119,842	+19.5	1,811,911	1,661,305	+9.1
Rubber-Modified Polystyrene	151,579	115,053	+31.7	1,758,173R	1,530,624	+14.9	160,073	105,962	+51.1	1,757,591R	1,529,339R	+14.9
Exports, Total	4,159	6,086	-31.7	77,091	94,774	-18.7						
Straight Polystyrene	1,517	2,328	-34.8	38,300	47,628	-19.6						
Rubber-Modified Polystyrene	2,642	3,758	-29.7	38,791	47,146	-17.7						
Domestic, Total	284,785	251,828	+13.1	3,532,345R	3,105,115	+13.8						
Molding	123,462	110,635	+11.6	1,518,099R	1,367,546	+11.0						
Extrusion	105,061	83,117	+26.4	1,238,949R	1,060,056	+16.9						
Expandable Polystyrene Beads	30,545	32,737	-6.7	439,705	426,027	+3.2						
All Other Uses	25,717	25,339	+1.5	335,592	251,486	+33.4						
Polystyrene End uses, Total **	284,785	251,828	+13.1	3,532,345R	3,105,115	+13.8						
Packaging	65,983	87,398	-24.5	893,731R	1,047,026	-14.6						
Disposables	47,572	*		477,878R	*							
Consumer and Institutional Products	42,403	47,505	-10.7	561,883R	629,641	-10.8						
Electrical/Electronics	22,818	18,776	+21.5	282,920R	276,874	+2.2						
Furniture, Furnishings, Building and Construction	14,297	13,292	+7.6	165,806R	178,618	-7.2						
Expandable Polystyrene Beads	30,545	32,737	-6.7	439,705	426,027	+3.2						
All Other End Uses	61,167	52,120	+17.4	710,422R	546,929	+29.9						

** = *Portions of the End Use Section are Estimated.*

D = Disclosure
R = Revision
(3) = Included in ABS

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* = Comparable 1982 data not available

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MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

DECEMBER 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	DECEMBER			YEAR-TO-DATE			DECEMBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
STYRENE BUTADIENE LATEXES, TOTAL *carboxylated, 45% styrene content and over.*	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED, LATEXES, TOTAL *50% or more styrene including butadiene latexes not carboxylated.*	D	D		D	D		D	D		D	D	
STYRENE BUTADIENE & OTHER STYRENE BASED LATEXES, TOTAL ***	51,726	44,390	n.c.	698,794	504,261	n.c.	51,320	43,820	n.c.	701,673	510,160	n.c.
Paper Treating	1,143	1,347	n.c.	26,884	24,211	n.c.						
Textile Treating	1,369	920	n.c.	19,438	12,829	n.c.						
Carpet Backing	21,825	15,313	n.c.	298,649	199,461	n.c.						
All Other Uses (Including Exports & Paper Coating)	27,389	26,810	n.c.	353,823	267,760	n.c.						
NYLON RESINS, TOTAL	28,688	15,293	+87.6	329,292R	246,982	+33.3	28,333	15,081	+87.9	320,718	227,774	+40.8
Total Exports	1,734	1,288	+34.6	24,244	17,699	+37.0						
Total Domestic	26,954	14,005	+92.5	305,048R	229,283	+33.0						
Injection Molding Grade	18,570	8,033	+131.2	197,840	137,861	+43.5						
Extrusion Grade	6,404	4,956	+29.2	85,482	71,475	+19.6						
Resellers and Compounders	1,288	728	+76.9	15,353	15,137	+1.4						
All Other Uses	692	288	+140.3	6,373R	4,810	+32.5						

*** . *Old disclosure rules apply for Styrene Butadiene Section. One company cannot be greater than 50% and no two companies can be greater than 75%. For disclosure rules covering other materials see the back of the cover of the report.*

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n.c. = Not comparable due to changes in participation in 1983

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THERMOPLASTIC RESINS

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	DECEMBER			YEAR-TO-DATE			DECEMBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
POLYVINYL CHLORIDE & COPOLYMERS *(Dry Resin Content)*, **TOTAL**	500,367	414,832	+20.6	6,151,879R	5,455,402	+12.8	398,108	393,989	+1.0	6,067,327R	5,325,924	+13.9
Homopolymer Resins including Blending and Latex	436,512	367,538	+18.8	5,469,566R	4,825,172	+13.4	344,913	359,992	-4.2	5,408,814R	4,734,518	+14.2
Copolymer Resins including Blending and Latex	27,603	21,956	+25.7	285,859	291,329	-1.9	22,385	14,421	+55.2	275,735	264,698	+4.2
Dispersion Resins	36,252	25,338	+43.1	396,454	338,901	+17.0	30,810	19,576	+57.4	382,778	326,708	+17.2
Total Exports	47,954	42,342	+13.3	530,893	565,727	-6.2						
Total Domestic	452,413	372,490	+21.5	5,620,986R	4,889,675	+15.0						
Calendering, Total	53,321	45,398	+17.5	683,712	593,666	+15.2						
Flooring	16,394	11,422	+43.5	160,267	149,372	+7.3						
Textile	8,846	6,803	+30.0	105,411	63,595	+65.8						
All Other Calendering Uses	28,081	27,173	+3.3	418,034	380,699	+9.8						
Coating, Total	31,915	21,046	+51.6	359,970	267,158	+34.7						
Flooring	13,039	7,433	+75.4	147,070	98,991	+48.6						
Textile & Paper Coating	11,087	7,446	+48.9	118,752	87,300	+36.0						
Protective Coatings	3,621	2,938	+23.2	44,928	38,460	+16.8						
Adhesives & All Other Coating Uses	4,168	3,229	+29.1	49,220	42,407	+16.1						
Extrusion, Total	271,853	225,968	+20.3	3,502,161R	3,129,267	+11.9						
Wire & Cable	33,814	27,564	+22.7	351,133	328,303	+7.0						
Film & Sheet	29,663	25,286	+17.3	309,715	311,611	-0.6						
Rigid Pipe & Tubing *(Except Fittings)*	158,787	134,464	+18.1	2,272,841R	2,013,549	+12.9						
All Other Extrusions	49,589	38,654	+28.3	568,472	475,804	+19.5						
Molding, Total	41,016	37,206	+10.2	431,850	364,094	+18.6						
Bottles	17,003	9,078	+87.3	166,151	103,301	+60.8						
Sound Records	7,210	12,049	-40.2	80,484	111,587	-27.9						
Fittings *(Rigid Pipe & Tubing)*	10,229	9,879	+3.5	107,189	99,192	+8.1						
All Other Molding	6,574	6,200	+6.0	78,026	50,014	+56.0						
Paste Processes *(Except Coating)*	17,247	12,390	+39.2	166,318	171,619	-3.1						
Plastisol Formulation	9,951	6,665	+49.3	97,151	84,742	+14.6						
All Other	7,296	5,725	+27.4	69,167	86,877	-20.4						
Resellers & Compounders	18,798	14,575	+29.0	202,301	147,292	+37.3						
All Other Uses	18,263	15,907	+14.8	274,674	216,579	+26.8						

R = Revision

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MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

DECEMBER 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	DECEMBER			YEAR-TO-DATE			DECEMBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	53,649	42,666	+25.7	689,737	567,823	+21.5						
Total Exports	250	498	-49.8	5,790	6,081	-4.8						
Total Domestic	53,399	42,168	+26.6	683,947	561,742	+21.8						
Emulsion Paints	13,521	11,420	+18.4	209,531	163,470	+28.2						
Adhesives, Caulks and Sealants	22,433	18,879	+18.9	275,778	234,994	+17.4						
Paper Treating & Paper Coating	10,251	7,475	+37.1	117,332	94,185	+24.6						
Textile Treating	1,860	853	+118.1	22,604	17,250	+31.0						
Non-Woven Binders	2,617	1,561	+67.6	31,084	25,700	+20.9						
All Other Uses	2,697	1,980	+36.2	27,618	26,143	+5.6						
POLYVINYL ALCOHOL, TOTAL #	11,988	D		136,057	D		13,641	D		132,176	D	
Total Exports	2,595	D		23,827	D							
Total Domestic	9,393	D		112,230	D							
OTHER VINYL RESINS*, TOTAL	16,292	11,099	+46.8	177,844R	166,695	+6.7	15,864	11,509	+37.8	185,558	177,225	+4.7
Total Exports	3,991	2,685	+48.6	40,680R	36,626	+11.1						
Total Domestic	12,301	8,414	+46.2	137,164R	130,069	+5.5						
*Include only polyvinyl butyral, polyvinyl formal, and polyvinylidene chloride.												
THERMOPLASTIC POLYESTER, TOTAL	64,339	51,326	+25.4	783,277R	618,706	+26.6	66,747	58,560	+14.0	777,792R	647,726	+20.1
Total Exports	4,911	2,746	+78.8	85,993R	47,783	+80.0						
Total Domestic	59,428	48,580	+22.3	697,284R	570,923	+22.1						
PET Bottle Grades	42,887	41,402	+3.6	513,518R	455,713	+12.7						
All Other Thermoplastic Polyester**	16,541	7,178	+130.4	183,766R	115,210	+59.5						

** Includes All Other PET and All Injection Molding Grades.

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